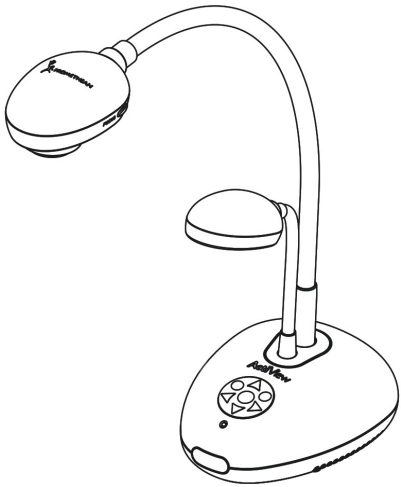
AV322
Visual Presenter

User Manual



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Chapter 1 Safety Instructions

Always follow these safety instructions when setting up and using the visual presenter:

1. Do not place the visual presenter in tilted position.
2. Do not place the visual presenter on an unstable trolley, stand or table.
3. Do not use the visual presenter near water or source of heat.
4. Use attachments only as recommended.
5. Use the type of power source indicated on the visual presenter. If you are not sure of the type of power available, consult your dealer or local electricity company for advice
6. Place the visual presenter on a place that it can be unplugged easily.
7. Always take the following precautions when handling the plug. Failure to do so may result in sparks or fire.
   - ■ Ensure the plug is free of dust before inserting it into a socket.
   - ■ Ensure that the plug is inserted into the socket securely.
8. Do not overload wall sockets, extensions leads or multi-way plug boards as this may cause fire or electric shock.
9. Do not place the visual presenter where the cord can be stepped on as this may result in fraying or damage to the lead or the plug.
10. Unplug the projector from the wall socket before cleaning. Use a damp cloth for cleaning. Do not use liquid or aerosol cleaners.
11. Do not block the slots and openings in the projector case. They provide ventilation and prevent the visual presenter from overheating. Do not place the visual presenter on a sofa, rug or other soft surface or in a built-in installation unless proper ventilation is provided.
12. Never push objects of any kind through cabinet slots. Never allow liquid of any kind to spill into the visual presenter.
13. Except as specifically instructed in this User Manual, do not attempt to operate this product by yourself. Opening or removing covers may expose you to dangerous voltages and other hazards. Refer all servicing to licensed service personnel.
14. Unplug the visual presenter during thunderstorms or if it is not going to be used for an extended period, do not place the visual presenter or remote control on top of heat-emitting equipment or heated objects such as a car and etc.

15. Unplug the visual presenter from the wall outlet and refer serving to licensed service personnel when the following situations happen:
    - If the power cable or plug becomes damaged or frayed.
    - If liquid is spilled into it or the visual presenter has been exposed to rain or water.

<Note> Using an incorrect battery type in the remote control may result in breakdown. Follow your country's instructions on how to dispose of used batteries.

■ Safety Precautions

Warning: To reduce the risk of fire or electric shock, do not expose this appliance to rain or moisture.

This visual presenter has a 3-wire AC line Plug. This is a safety feature to ensure that the plug will fit into the power outlet. Do not try to disable this safety feature.
If the visual presenter will not be used for a long period of time unplug it from the power outlet.

<table>
<tr><td colspan="2"> CAUTION RISK OF ELECTRIC SHOCK </td></tr>
<tr><td colspan="2">Caution: To reduce the risk of electric shock. Do not remove cover (or back). No user-serviceable parts inside. Refer servicing to licensed service Personnel.</td></tr>
<tr><td> </td><td>This symbol indicates that this equipment may contain dangerous voltage which could cause electric shock.</td></tr>
</table>

■ FCC Warning

NOTE: THE MANUFACTURER IS NOT RESPONSIBLE FOR ANY RADIO OR TV INTERFERENCE CAUSED BY UNAUTHORIZED MODIFICATIONS TO THIS EQUIPMENT. SUCH MODIFICATIONS COULD VOID THE USER'S AUTHORITY TO OPERATE THE EQUIPMENT.

Note: This equipment has been tested and found to comply with the limits for a Class A or B digital device, pursuant to Part 15 of FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates uses and can radiate radio frequency energy and, if not installed and used in accordance with the instruction, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

Notice:

(1) A Unshielded-type power cord is required in order to meet FCC emission limits and also to prevent interference to the nearby radio and television reception. It is essential that only the supplied power cords by used.

(2) Use only shielded cables to connect I/O devices to this equipment.

(3) Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

■ EN55022 (CE Radiation) Warning

This product is intended for use in a commercial, industrial, or educational environment. It is not intended for residential use.

This is a Class A product. In a domestic environment it may cause radio interference, in which case the user may be required to take adequate measures. The typical use is in a conference room, meeting room or auditorium.

Chapter 2 Package Contents

AV322

Quick Reference Guide

User Manual

(For other languages, please refer to the CD-Rom or visit website)

ActiView Quick Reference Guide

CD

Remote Control

USB Cable

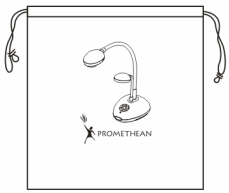
C-Video Cable

VGA Cable

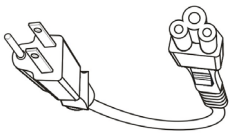
Microscope Adapter

Accessory Pouch

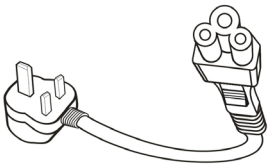
Presenter Protector Bag



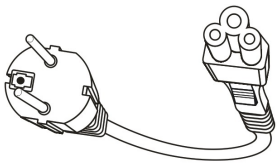
Power Cord (USA)



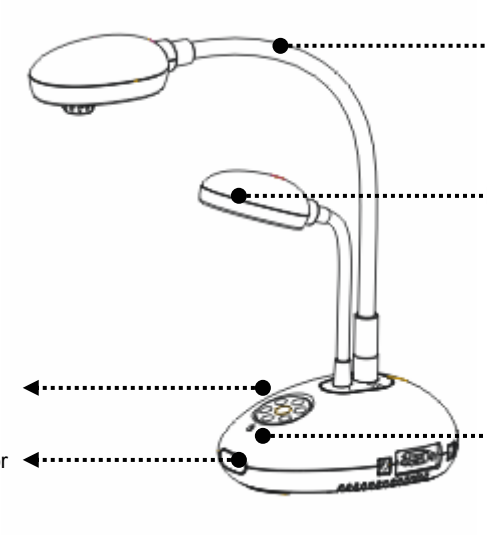
Power Cord (UK)

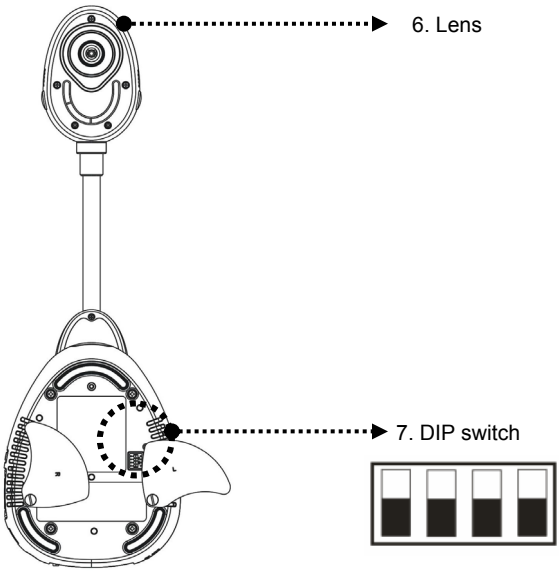


Power Cord (EC)



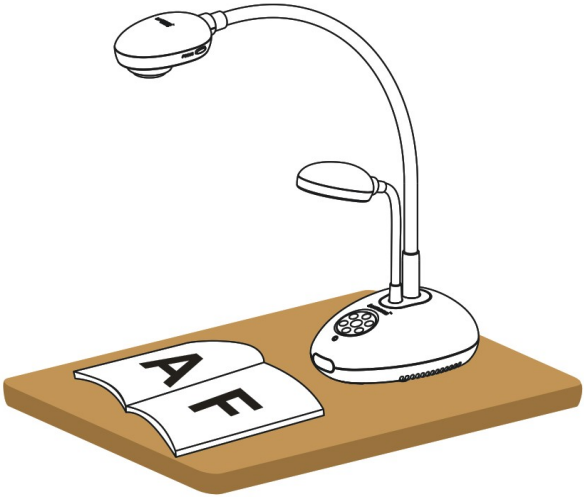
Chapter 3 Product Overview





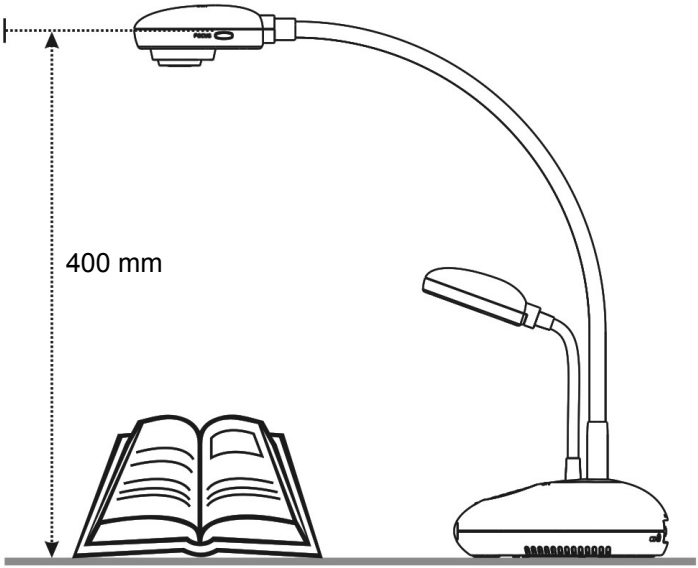
(Bottom)

3.1 Positioning the Presenter and Document



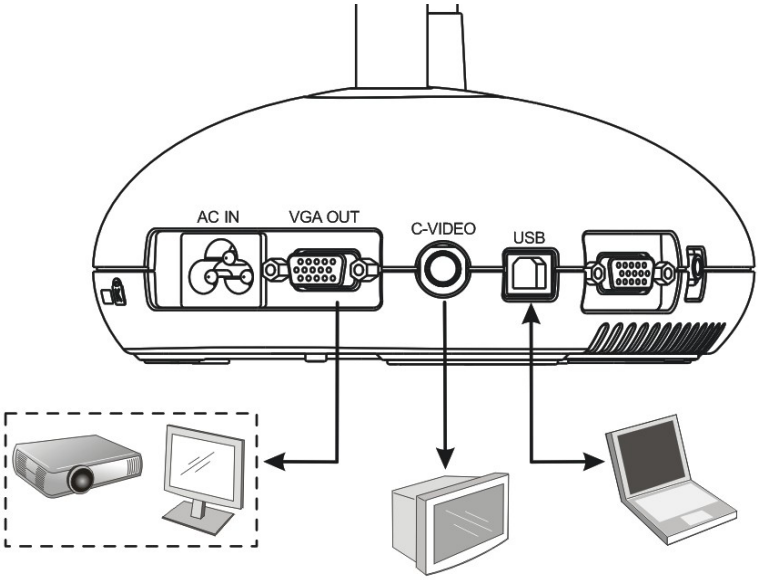
3.2 Correct Usage

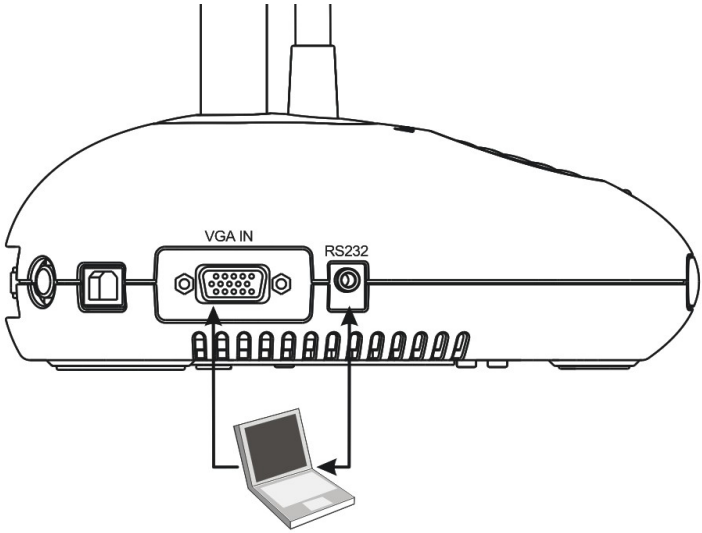
* About 400mm distance between camera and the desktop is recommended.



Chapter 4 Installation and Connections

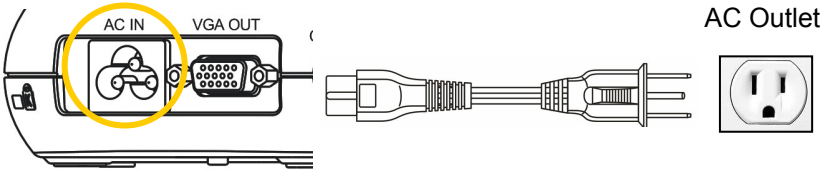
4.1 System Diagram





4.2 Connecting to External Devices

4.2.1 Step 1: Connect the power cord from the AC In on the AV322 to the power outlet

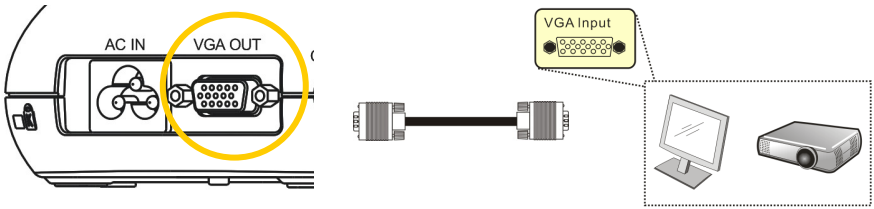


<Note>: Appearance of the power cord may vary depending on country/region.

4.2.2 Step 2: Connection projector with other hardware devices

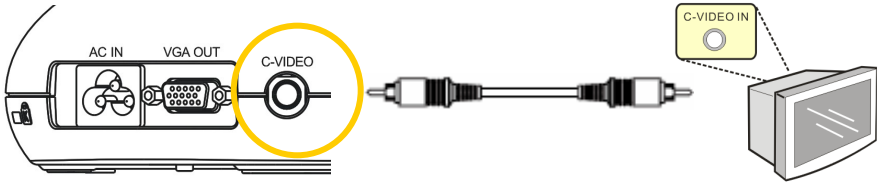
➢ **Connecting to a Projector or Monitor**

- Connect the VGA cable from the VGA OUT port on the AV322 to the VGA IN port on the projector or monitor.



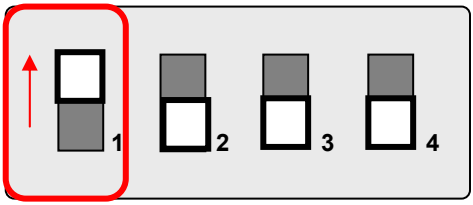
➢ **Connecting to a TV**

1. Connect the C-VIDEO cable from the C-VIDEO port on the AV322 to the C-VIDEO port on the TV.

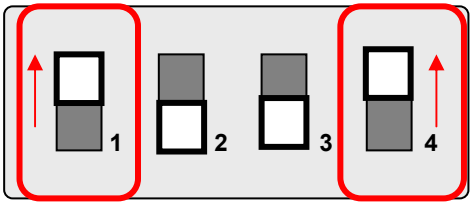


2. Adjust DIP Switch Setting

■ NTSC: U.S.A., Taiwan, Panama, Philippine, Canada, Chile, Japan, Korea and Mexico.



■ PAL: Country/region not listed above.



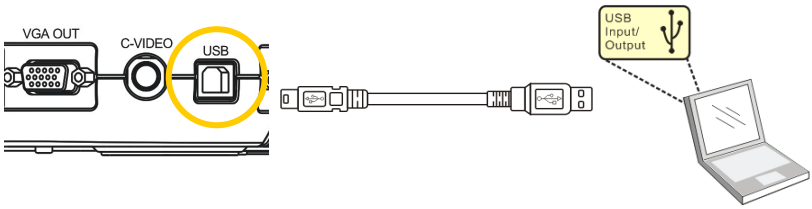
<Note> The on-screen display (OSD) is not available in C-VIDEO. Some functions are not available on the control panel and the remote control in this mode.

<Note> VGA OUT is not supported once C-VIDEO is enabled.

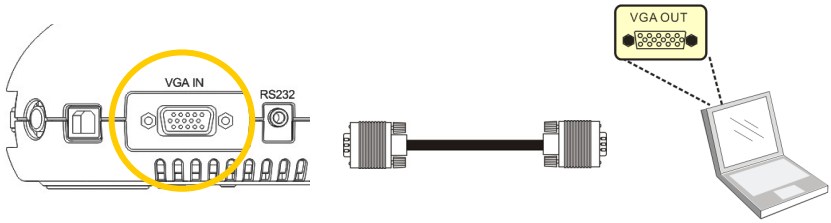
3. DIP switch settings will not availabe until the AV322 has been restarted.

➢ Connecting to a Computer

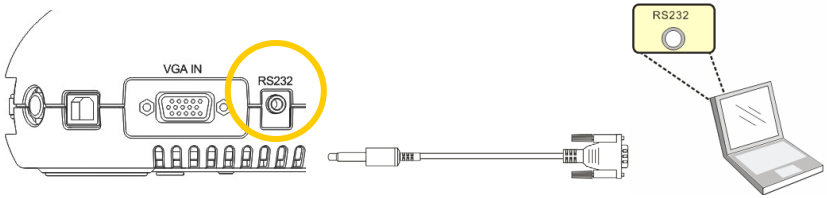
1. Connect the USB cable from the USB port on the AV322 to the USB port on the computer. Next, install the supplied ActiView program.



2. Connect the VGA cable from the VGA IN port on the AV322 to the VGA OUT port on the computer.

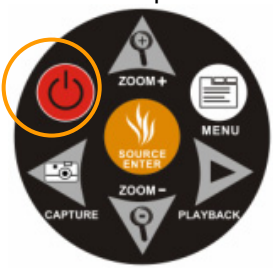


3. Connect the RS-232 Adapter (Optional) to the RS-232 port on the AV322 and the RS-232 port on the computer.

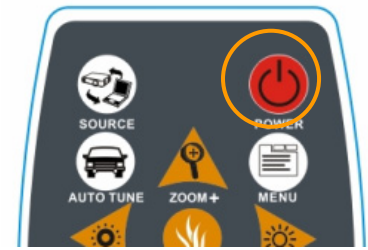


4.3 Getting Started

Control panel



Remote Control



- To turn on the AV322 with the **remote control**, aim at the remote sensor at the AV322 and press the Power button.
- Once the AV322 is powered on, the LED on the projector will flash a few times and then remain lit. Contact your distributor if the LED fails to light.

4.4 Installing the Driver and ActiView Application

After installing the USB driver and **ActiView** application, you can use the software to:

- Control the AV322.
- Capture and record images.
- Annotate images, highlight important details and save them for later use.
- Use the full-screen function.

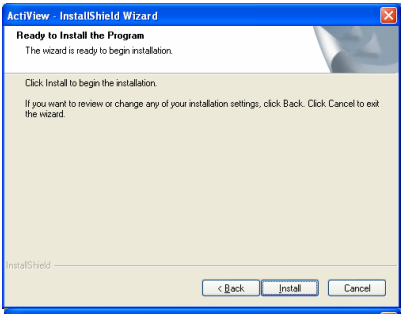
4.4.1 System Requirements

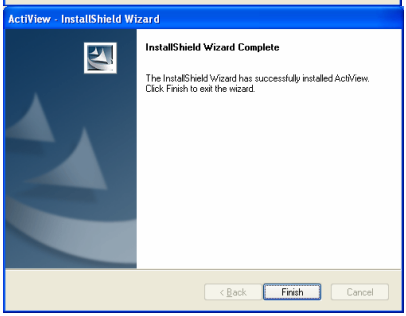
Windows XP	*Windows Vista*	*MAC OS X v10.4.10, v10.5*
● CPU: P4 1.8 GHz and above ● Memory: 512MB ● Chipsets of the graphics adapter: NVIDIA GeForce 6200, ATI Radeon X850, Intel GMX3000 and above ● Graphics Memory: 256M Bytes and above ● Supporting DirectX 9.0c ● Resolution: XGA (1024 x 768) or above ● Minimum Hard Disc Space Required: 100MB	● CPU: P4 2.0 GHz and above ● Memory: 1GB ● Chipsets of the graphics adapter: NVIDIA GeForce 6200, ATI Radeon X850, Intel GMX3000 and above ● Graphics Memory: 256M Bytes and above ● Supporting DirectX 9.0c ● Resolution: XGA (1024 x 768) and above ● Minimum Hard Disc Space Required: 100MB	● CPU: PowerPC G4 866MHz or Intel Pentium® 1.83GHz Intel Core 2 Duo processors ● Memory: 512MB ● 1024x768 resolution and 24-bit color display ● Minimum Hard Disc Space Required: 1GB ● QuickTime 7.4.5 and above

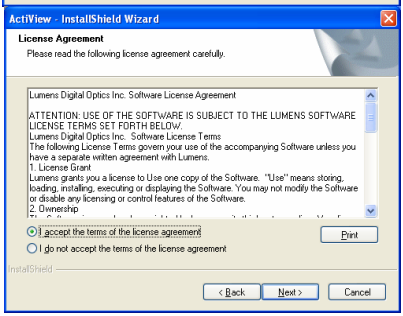
4.4.2 Installation Steps (PC)

1. Please download the software ActiView:
2. Refer to **Chapter 4 Installation and Connections** for USB connection.
3. Turn on the AV322.
4. Start the installation wizard of ActiView.
5. Press [Next] and follow the on-screen instructions to install the software.

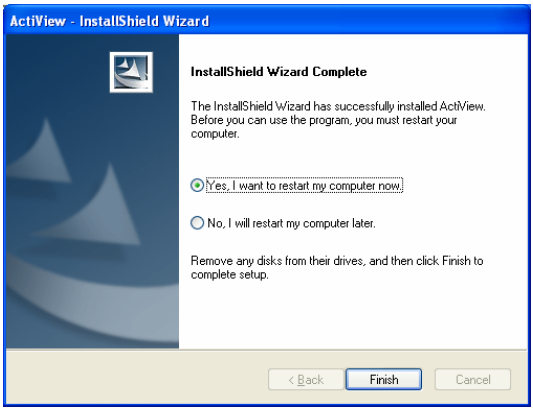
ActiView - InstallShield Wizard
Welcome to the InstallShield Wizard for ActiView
The InstallShield Wizard will install ActiView on your computer. To continue, click Next.
< Back
Next >
Cancel


ActiView - InstallShield Wizard
Ready to Install the Program
The wizard is ready to begin installation.
Click Install to begin the installation.
If you want to review or change any of your installation settings, click Back. Click Cancel to exit the wizard.
InstallShield
< Back
Install
Cancel


ActiView - InstallShield Wizard
InstallShield Wizard Complete
The InstallShield Wizard has successfully installed ActiView. Click Finish to exit the wizard.
< Back
Finish
Cancel


ActiView - InstallShield Wizard
License Agreement
Please read the following license agreement carefully.
Lumens Digital Optics Inc. Software License Agreement
ATTENTION: USE OF THE SOFTWARE IS SUBJECT TO THE LUMENS SOFTWARE LICENSE TERMS SET FORTH BELOW.
Lumens Digital Optics Inc. Software License Terms
The following License Terms govern your use of the accompanying Software unless you have a separate written agreement with Lumens.
1. License Grant
Lumens grants you a license to Use one copy of the Software. "Use" means storing, loading, installing, executing or displaying the Software. You may not modify the Software or disable any licensing or control features of the Software.
2. Ownership
I accept the terms of the license agreement
I do not accept the terms of the license agreement
Print
InstallShield
< Back
Next >
Cancel

6. Once the installation is complete, press [Finish] to reboot the computer.


ActiView - InstallShield Wizard
InstallShield Wizard Complete
The InstallShield Wizard has successfully installed ActiView. Before you can use the program, you must restart your computer.
Yes, I want to restart my computer now.
No, I will restart my computer later.
Remove any disks from their drives, and then click Finish to complete setup.
< Back
Finish
Cancel

4.4.3 Installation Steps (MAC)

1. Please download the ActiView software.
2. Refer to **Chapter 4: Installation and Connections** for USB connection.
3. Turn on the AV322.
4. Select [ActiView] to start installation and follow the screen instructions to complete the installation procedure.

4.4.4 Verifying the Installation is Completed (PC)

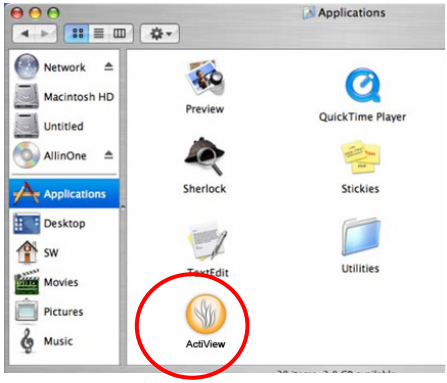
1. Find the ActiView icon on the desktop of the computer.

2. Double click on the icon or select [Program] / [Start] / [Programs] / [ActiView].

<Remark> Please refer to the Quick Reference Guide of ActiView for additional operating instructions.

4.4.5 Verifying the Installation is Completed (MAC)

1. Find ActiView from **[Applications]**.



<Remark> Please refer to the Quick Reference Guide of ActiView for operation instructions.

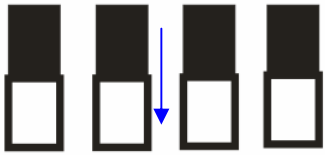
Chapter 5 DIP Switch

<Note>: You must restart the AV322 in order for DIP switch configuration to take effect.

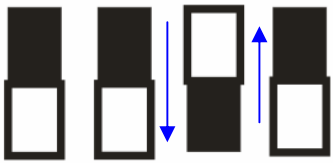
5.1 Connecting to a Projector or Monitor

5.1.1 WXGA output (factory default) :

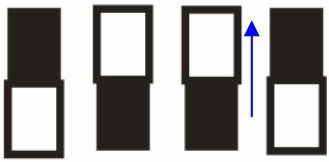
5.1.2 SXGA output:



5.1.3 XGA output



5.1.4 Reserved



5.2 Connecting to a TV

5.2.1 NTSC Settings: U.S.A., Taiwan, Panama, Philippines, Canada, Chile, Japan, Korea, and Mexico

5.2.2 PAL Settings: Countries/regions not listed above

<Note> VGA OUT is not supported once C-VIDEO is enabled.

Chapter 6 Introduction to Control Panel/ Remote Control Buttons and On-Screen Menu

6.1 Functions of Control Panel and Remote Control Buttons

<Remark> The functions below are listed alphabetically

Name	Function Descriptions	Operation
	Turns the Visual Presenter on and off.	**Remote control / Control panel**
◄,►,▲,▼	Moves up, down, left or right to select the needed function.	**Remote control / Control panel**
AF	Automatically adjusts the focal length between the lens and the object being projected.	**Either side of the unit's lens**
AUTO TUNE	Automatically adjusts to the optimal brightness and focal length.	**Remote Control**
BRT+/-	Adjusts brightness of the image.	**Remote Control**
CAPTURE	Captures the image to the internal memory.	**Remote control / Control panel**
DELETE	Deletes images stored in the internal memory.	**Remote Control**
ENTER	Accesses/Activates functions.	**Remote control / Control panel**
FREEZE	Freezes the current image temporarily on the screen. Press again to unfreeze.	**Remote Control**
MENU	Activates the on-screen menu/exits the menu.	**Remote control / Control panel**
PAN	Moves across part of the live image.	**Remote Control**
PBP	Allows users to compare live images with captured image files.	**Remote Control**
PLAYBACK	Plays captured images.	**Remote control / Control panel**
ROTATE	Rotates the image by 0°/90°/180°/270°	**Remote Control**
SLIDE SHOW	Plays the photos in a slide show.	**Remote Control**
SOURCE	Switches between different image sources: 1. Live images (default). 2. PC.	**Remote control / Control panel**
ZOOM +/-	Increases or decreases image size.	**Remote control / Control panel**

6.2 On-screen Menu

<Note> Press **[Menu]** on the **remote control** or **control panel** to enter the on-screen menu, **The bold underlined values in the following table are defaults**.

1st Level Major Items	2nd Level Sub items	3rd Level Adjustment Values	Function Descriptions
Display	**Auto Tune**	Enter	Press [ENTER] to automatically adjust to the optimal brightness and focal length.
	Focus	0~Max	Use the left and right arrow keys to adjust focal length.
	Mode	**Normal/**Slide/Film/ Microscope	Use the left and right arrow keys to select the image mode.
	Photo/Text	**Photo/**Text/Gray	Use the left and right arrow keys to select the photo/text/gray mode.
	PBP	Enter	Press [ENTER] to immediately activate the image comparison mode.
	PAN	ON/**OFF**	Use the left and right arrow keys to move across the live image.
	Rotate	**0°**/90°/180°/270°	Use the left and right arrow keys to rotate the image.
Storage	**Slide Show**	Enter	Press [ENTER] to play the photos stored in the internal memory in slide show mode.
	Slide Show Effect	**Off**/Shutter/Right/Down/ Side/Open	Use the left and right arrow keys to select a page-flipping mode.
	Delay	**1 Sec**/3 Sec/5 Sec/10 Sec/ Manual	Use the left and right arrow keys to select the timing of page flips. (Select manual mode to switch images manually.)
	Delete All	Yes/**No**	Use the left and right arrow keys to select desired image, and then press [ENTER] to confirm the deletion of the photo.
	Format	Yes/**No**	Use the left and right arrow keys to select, and then format the internal memory.

	Auto Erase	ON/**OFF**	Use the left and right arrow keys to enable/disable the auto erase function, which automatically deletes all stored images upon system shutdown.
Setting	**USB Transfer**	**Camera**/Storage Device	Use the left and right arrow keys to select the USB transfer mode.
	Lamp	**ON**/OFF	Use the left and right arrow keys to turn the lamp on/off.
	AE	**ON**/OFF	Use the left and right arrow keys to turn the Auto Erase (AE) on/off.
	AWB	Enter	Press [ENTER] to activate Automatic White Balance (AWB) immediately.
	Night Vision	ON/**OFF**	Use the left and right arrow keys to select the night vision mode.
	Noise Reduction	ON /**OFF**	Use the left and right arrow keys to turn on/off the noise reduction function.
Advance	**Language**	**English**/简中/Deutsch/ Français/Español/ Русский/Nederlands/ Suomi/Polski/Italiano/ Português/Português-Br./ Svenska/Dansk/عـربي	Use the left and right arrow keys to select the preferred language.
	Preset Load	Yes/**No**	Read the value of the current image mode. Use the left and right arrow keys to select, and then confirm by pressing [ENTER].
	Preset Save	Yes/**No**	Store the value of the current image mode. Use the left and right arrow keys to select, and then confirm by pressing [ENTER].
	Factory Reset	Yes/**No**	Use the left and right arrow keys to select, and then confirm by pressing [ENTER] to restore factory defaults.

Chapter 7 Descriptions of Major Functions

7.1 Switching Image Sources

Live image is the default image source. Press [SOURCE] on the **remote control** or **control panel** to switch between image sources:

1. Live images (default).
2. PC.

7.2 Making Text Clearer and Photos More Colorful

Photo **(Photo mode)** is selected by default in the [Photo/Text/Gray] mode

- [Photo] (Default): View photos or text with photos in this mode to enhance colors in photos.
- [Text]: View text files in this mode to make text clearer.
- [Gray]: View grayscale or black and white photos in this mode.

Change settings with the **remote control** or **control panel**:

1. Press [MENU] to enter the on-screen menu.
2. Press [►] or [◄] to select [Display].
3. Press [▼] to select among [Photo/Text/Gray] modes. (Refer to the **description above** for the best choice).
4. Press [►] or [◄] to move among [Photo/Text/Gray] modes.
5. Press [MENU] to exit.

7.3 Zoom in /out From an Image

1. Press [ZOOM+] on the **remote control** or **control panel** to zoom in to an image.
2. Press [ZOOM-] on the **remote control** or **control panel** to zoom out from an image.

7.4 Using Auto Focus

1. From the **Control Panel,** press the [FOCUS] button on the right side of the lens.

7.5 Adjusting the Brightness

1. From the **Remote Control** or **Control Panel,** press [BRT+] to make it brighter.
2. From the **Remote Control** or **Control Panel,** press [BRT-] to darken the image.

7.6 Turning the Lamp on/off

From the **remote control** or **control panel**:

1. Press [MENU] to enter the on-screen menu.
2. Press [▶] or [◀] to select [Setting].
3. Press [▼] to select [Lamp] modes.
4. Press [▶] or [◀] to turn [ON]/[OFF].
5. Press [MENU] to exit.

7.7 Automatically Adjusting the Image to Optimal Brightness and Focal Length

From the remote control:

1. Press [AUTO TUNE] for the optimal brightness and focal length.

From the control panel:

1. Press [MENU] to enter the on-screen menu.
2. Press [▶] or [◀] to select [Display].
3. Press [▼] to select among [Auto Tune] modes.
4. Press [ENTER].
5. Press [MENU] to exit.

7.8 Freezing Images

1. Press [FREEZE] on the **remote control** to freeze the current image on the screen. Press again to unfreeze.

7.9 Capturing Images

1. Press [CAPTURE] on the **remote control** or **control panel** to capture and save an image.

7.10 Browsing Captured Images

1. Press [PLAYBACK] on the **remote control** or **control panel** to display thumbnails of all captured images.
2. Press [▲] or [▼] or [◄] or [►] to select the thumbnail you want you browse.
3. Press [ENTER] to access the full-screen display of the image.
4. Press [►] or [◄] to browse the through saved images.
5. Press [PLAYBACK] to exit.
6. Press [MENU] to exit.

7.11 Deleting Captured Images

From the remote control:

1. Press [PLAYBACK].
2. Press [▲] or [▼] or [◄] or [►] to select the desired thumbnail for deletion.
3. Press [DELETE] to delete the selected file.
4. Press [MENU] to exit.

From the control panel:

1. Press [MENU] to enter the on-screen menu.
2. Press [►] or [◄] to select [Storage].
3. Press [▼] to select [Delete All].
4. Press [►] or [◄] to select [Yes].
5. Press [ENTER] to confirm selection.
6. Press [MENU] to exit.

7.12 Automatically Deleting Captured Images When the Device is Turned off (Auto Erase)

From the remote control or control panel:

1. Press [MENU] to enter the on-screen menu.
2. Press [►] or [◄] to access the [Storage] menu.
3. Press [▲] or [▼] to enable [Auto Erase].
4. Press [►] or [◄] to select among [ON] modes.
5. Press [MENU] to exit.

7.13 Panning Across a Live Image (PAN)

<Note> Panning and zooming are not available in Microscope Mode.
From the remote control:

1. Press [PAN] on the **remote control** to zoom in a part of a live image.
2. Press [▲] or [▼] or [◄] or [►] to move around the partially zoomed-in image.
3. Press [PAN] to exit the partially zoom in mode.

From the control panel:

1. Press [MENU] to enter the on-screen menu.
2. Press [►] or [◄] to select the [Display] menu.
3. Press [▼] to select [PAN].
4. Press [►] or [◄] to select among [ON] modes.
5. Press [MENU] to exit.
6. Press [▲] or [▼] or [◄] or [►] to move around the partially zoomed-in image.

7.14 Playing a Slides (Slide Show)

7.14.1 Using the slide show effect:

1. Press [MENU] on the **remote control** or **control panel** to enter the on-screen menu.
2. Press [►] or [◄] to select the [Storage] menu.
3. Press [▼] to enable [Slide Show Effect].
4. Press [►] or [◄] to select page-flipping mode among [Off / Shutter / Right / Down / Side / Open].
5. Press [MENU] to exit.

7.14.2 Setting delay time

1. Press [MENU] on the **remote control** or **control panel** to enter the on-screen menu.
2. Press [►] or [◄] to select the [Storage] menu.
3. Press [▼] to enable [Delay].
4. Press [►] or [◄] to select page-flipping interval [1 Sec/3 Sec/5 Sec/10 Sec/Manual].
5. Press [MENU] to exit.

7.14.3 Start/Pause/Stop Playing Images

<Note> Images over 8MB cannot be played. During playback, the [ROTATE] function can be activated to rotate the images.

From the remote control:

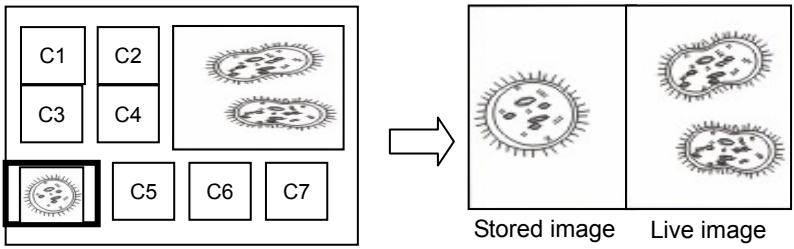
1. Press [SLIDE SHOW] to start playback.
2. Press [ENTER] to pause playback.
3. Press [ENTER] again to continue playback.
4. Press [SLIDE SHOW] again to stop playback.

From the control panel:

1. Press [MENU] to enter the on-screen menu.
2. Press [►] or [◄] to select the [Storage] menu.
3. Press [▼] to enable [Slide Show].
4. Press [ENTER] to play back images.
5. Press [ENTER] to pause playback.
6. Press [ENTER] again to continue playback.
7. To stop playing, repeat Steps 1 to 4.

7.15 Comparing Live Images with Stored Images (PBP)

This function allows you to simultaneously display a live image on the right side and a storage image on the left side for comparison.



From the remote control:

1. Press [PBP] to enter the photo selection screen.
2. Press [▲] or [▼] or [◄] or [►] to select the file to be compared.
3. Press [ENTER] to activate image comparison.
4. Press [ENTER] to switch between the stored image and the live image.

5. Press [►] or [◄] to move the selected image left or right.
6. Press [ZOOM+/-] to zoom in/out from the live image
7. Press [PBP] to return to the stored image screen.
8. Press [MENU] to exit.

From the control panel

1. Press [MENU] to enter the on-screen menu.
2. Press [►] or [◄] to select the [Display] menu.
3. Press [▼] to select [PBP].
4. Press [PBP] to enter the photo selection screen.
5. Press [▲] or [▼] or [◄] or [►] to select the desired file for comparison.
6. Press [ENTER] to activate image comparison.
7. Press [►] or [◄] to move through selected images.
8. Press [ZOOM+/-] to zoom in/out from the live image
9. Press [PBP] to return to the stored image screen.
10. Press [MENU] to exit.

7.16 Restoring Factory Default Settings (Factory Reset)

Use the remote control or control panel:

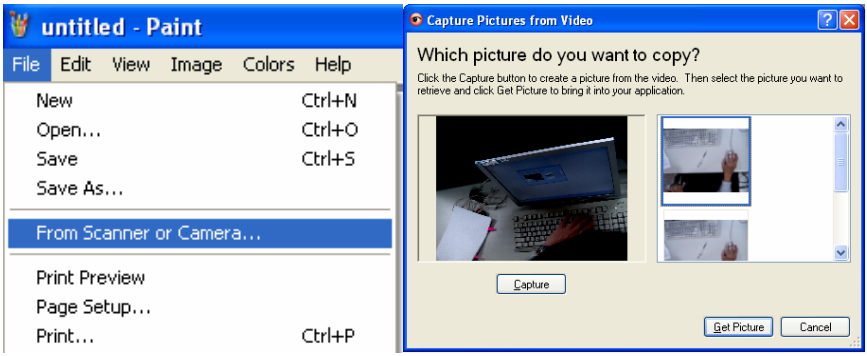
1. Press [MENU] on the **remote control** or **control panel** to enter the on-screen menu.
2. Press [►] or [◄] to select the [Advance] menu.
3. Press [▼] to select [Factory Reset].
4. Press [►] or [◄] to select [Yes].
5. Press [ENTER] to activate.

7.17 Computer- Related Functions

Ensure that the USB cable is connected and the drivers are installed before using the computer-related functions. Refer to **4.2.2 Connecting to external devices and 4.4 Installing the driver and application ActiView in Chapter 4 Installation and Connections** in this user manual.

7.17.1 Inserting a Photo in the MS-Paint Application

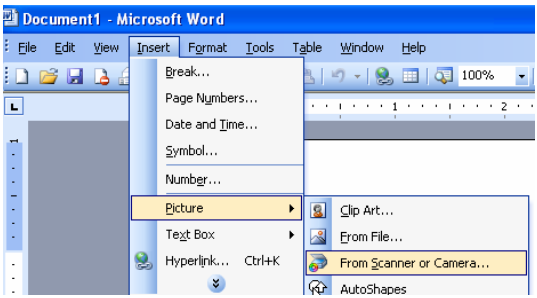
1. Click [File> From Scanner or Camera] in the MS-Paint application as shown in the bottom left figure.


untitled - Paint
File Edit View Image Colors Help
New Ctrl+N
Open... Ctrl+O
Save Ctrl+S
Save As...
From Scanner or Camera...
Print Preview
Page Setup...
Print... Ctrl+P
Capture Pictures from Video
Which picture do you want to copy?
Click the Capture button to create a picture from the video. Then select the picture you want to retrieve and click Get Picture to bring it into your application.
Capture
Get Picture
Cancel

2.Click on [Get Picture] to finish, as shown in the top right figure.

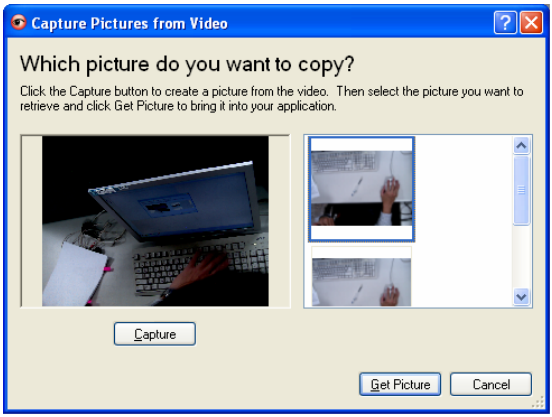
7.17.2 Inserting a Photo in a Microsoft Word Document

1. Click [Insert / Image / From Scanner or Camera] in the Microsoft Word application.



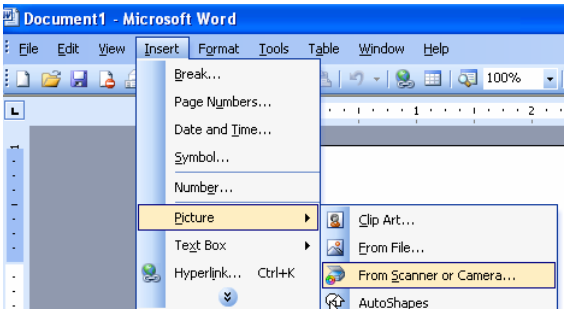
2. Select [Visual Presenter V2] and click [Custom Insert].

3. Click [Get Picture] to finish.


Capture Pictures from Video
Which picture do you want to copy?
Click the Capture button to create a picture from the video. Then select the picture you want to retrieve and click Get Picture to bring it into your application.
Capture
Get Picture
Cancel

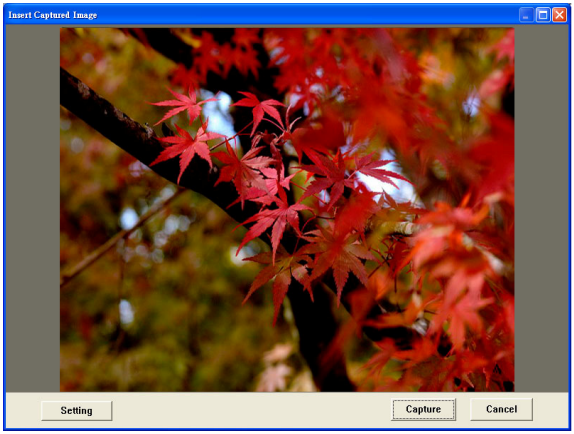
7.17.3 Changing the Setting of the AV322 and then Capturing a Photo in Microsoft Word

1. Click [Insert /Image /From Scanner or Camera] in Microsoft Word.



2. Select [Visual Presenter V2 TWAIN] and click [Custom Insert].

3. A window displaying a live image (see below) will appear.

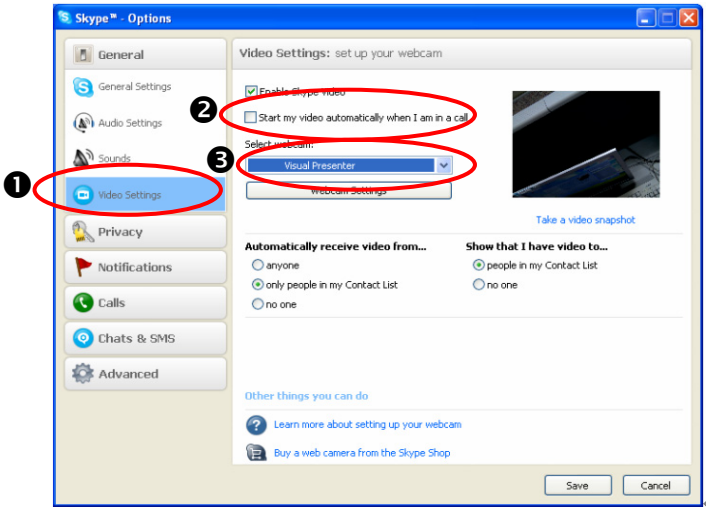


4. Press [Setting]: When the Camera Settings window pops up, the live image can be adjusted. The operation is identical from both the remote control and the control panel. Refer to **Chapter 6 Control Panel/Remote Control Buttons and On-screen Menu for more information**.
5. Press [Capture] to capture images in **Microsoft Word**.
6. Press [Cancel] to exit.

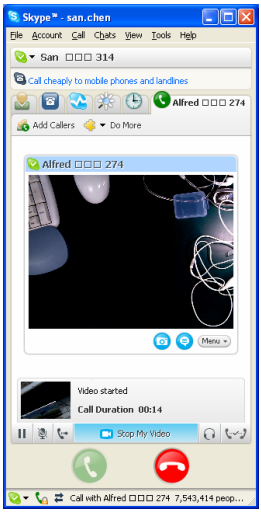
7.17.4 Setting up the AV322 as a Webcam for *Skype*

The AV322 can be used as a webcam for instant message (IM) software such as ***Skype*** and ***MSN***. Operation with any IM program is similar. In Skype, for example, complete the following steps:

1. Open the ***Skype* application** and choose [Tools] > [Options].
2. Select [Video Settings], check [Start my video automatically when I am in a call] and select [Visual Presenter V2] as the desired webcam, as shown below.

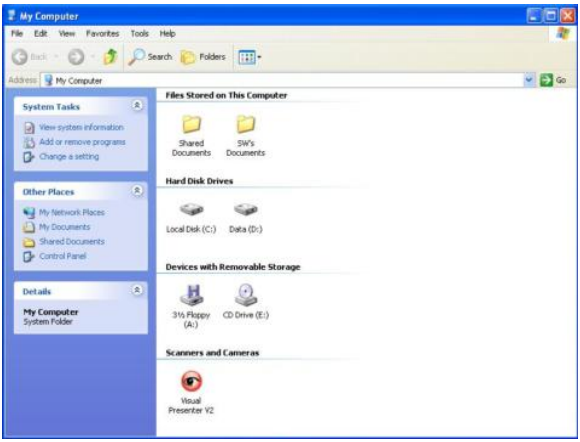


Call your desired contact. When both parties are connected, ***Skype*** will display the video screen.



7.17.5 Setting the AV322 as a PC Camera

1. Open **My Computer** and click on [Visual Presenter V2] to display a live image.



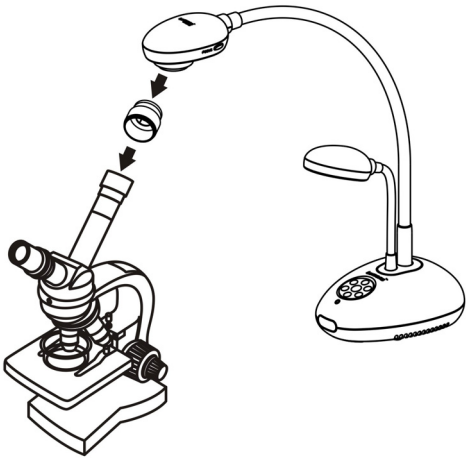
7.17.6 Connecting to an Interactive Whiteboard

To connect Promethean's Interactive Whiteboard, go to Promethean website to download the reference guide

Chapter 8 Connecting to a Microscope

1 Mount the **microscope adaptor** in the accessories pack onto the microscope
<Note> The Microscope adapter fits eyepieces of about Ø28.4mm.

2 Connect the lens of the AV322 to the **microscope adaptor**.



3 Select the Microscope mode
   3.1. From the **control panel** or **remote control**
      3.1.1. Press [MENU] to enter the on-screen menu.
      3.1.2. Press [►] or [◄] to select [Display].
      3.1.3. Press [▼] to select among [Mode] modes.
      3.1.4. Press [►] or [◄] to select [Microscope].

4 If the image is fuzzy:
   4.1. Adjust the focus of microscope.
   4.2. Press the [FOCUS] button on either side of the AV322 lens to activate the auto focus.

Chapter 9 Troubleshooting

This chapter outlines possible solutions to common problems. For other issues, contact your dealer or service center.

No.	Problems	Solutions
1	**No power signal**	Check that the power cord is securely connected to the wall socket and the unit.
2	**No image output from the AV322**	1. Check the power outlet. 2. Check the connection. Refer to **4.2.2 Connecting to external devices in Chapter 4 Installation and Connections** in this manual. 3. Check the signal sources [SOURCE]. Refer to **7.1 Switching image sources in Chapter 7 Descriptions of major functions** in this manual. 4. Check the settings for the projector source. Refer to the projector's user manual. 5. Check if DIP Switch is properly set. Refer to **Chapter 5 DIP Switch** for related settings.
3	**Unable to focus**	Probably the document is too close to the lens. Press [ZOOM -] on the **remote control** or **control panel**. Or increase the distance between the lens and the document, and then press the [FOCUS] button on the right side of the lens.
4	**Cannot see the entire image**	Check Auto Image of the projector. Refer to the projector's user manual.
5	**Visual Presenter V2, ActiView and other applications cannot be used simultaneously**	Visual Presenter V2, **ActiView** and other applications cannot be used simultaneously. Please close the currently running applications and then execute the desired application.